

RECEIVED  
CENTRAL FAX CENTER

OCT 26 2005

IBM CORPORATION  
INTELLECTUAL PROPERTY LAW DEPARTMENT  
11400 BURNET ROAD  
AUSTIN, TEXAS 78758  
FAX # 512DATE: 10/26/05Number of Pages to Follow (including cover sheet) 10

SEND TO: United States Patent Office

Examiner: C. L. NguyenGroup Art Unit: 2171Tel No: 571-272-4024Fax #: 571-273-8300FROM: J.B. KRAFTTel No: 512-473-2303

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ADDRESS ABOVE VIA THE U.S. POSTAL SERVICE. THANK YOU.

Docket No. ALSP221096US1 Serial No. 10/042,107 Atty: J.B. KRAFTApplicant: M. G. MacPhail

<input checked="" type="checkbox"/> Transmittal Letter (2 copies)	<input type="checkbox"/> Certificate of Facsimile
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Notice of Appeal
<input checked="" type="checkbox"/> Amendment <u>(Response)</u>	<input type="checkbox"/> Appeal Brief (3 copies)
<input type="checkbox"/> Ext. of Time	<input type="checkbox"/> Reply Brief
<input type="checkbox"/> IDS Statement	<input type="checkbox"/> Change of Address
<input type="checkbox"/> Other	

Deposit Acct. No. 09-0447

Fees: Amendment \_\_\_\_\_ Notice of Appeal \_\_\_\_\_ Appeal Brief \_\_\_\_\_ Other \_\_\_\_\_

BEST AVAILABLE COPY

# BEST AVAILABLE COPY

OCT-26-05 01:28 PM JB.KRAFT

512 473 8803

P.02

RECEIVED  
CENTRAL FAX CENTER

OCT 26 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Margaret G. MacPhail.

DOCKET NUMBER: AUS920010396US1  
Date: 10/26/05  
Customer No. 32,729

Serial No.: 10/042,107

Filed: January 8, 2002

For: A NETWORK DATABASE SYSTEM FOR PROVIDING DATABASE OUTPUT IN A PLURALITY OF STRINGS OF SEQUENTIAL DATA SEGMENTS THROUGH A USER INTERFACE WITH DIMENSIONS LIMITING THE DATA CAPACITY OF EACH SEGMENT

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22315-1450

Re:

Transmitted herewith is a Response in the above-identified Application.

No new independent claims have been added.

The Commissioner is also hereby authorized to charge any additional charges due or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

☒ Any additional fees required under 37 CFR 81.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 81.17.

Respectfully submitted,

By J. B. Kraft  
J. B. Kraft  
Registration No. 19,226  
Intellectual Property Law Dept.,  
IBM Corporation  
11400 Burnet Road - 4054  
Austin, Texas 78758  
(512) 473-2303

## BEST AVAILABLE COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Margaret G. MacPhail.

DOCKET NUMBER: AU6920010596US1

Date: 10/26/05

Customer No. 32,329

Serial No.: 10/062,107

Filed: January 8, 2002

FOR A NETWORK DATABASE SYSTEM FOR PROVIDING DATABASE OUTPUT IN A PLURALITY OF STRINGS OF SEQUENTIAL DATA SEGMENTS THROUGH A USER INTERFACE WITH DIMENSIONS LIMITING THE DATA CAPACITY OF EACH SEGMENT

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22315-1450

Sir:

Transmitted herewith is a Response in the above-identified Application.

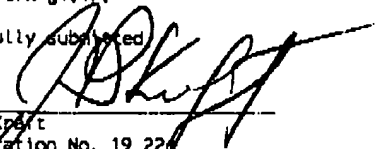
No new independent claims have been added.

The Commissioner is also hereby authorized to charge any additional charges due or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

☒ Any additional fees required under 37 CFR 81.16 for the presentation of extra claims.☒ Any patent application processing fees under 37 CFR 81.17.

Respectfully submitted,

By

  
J. B. Kraft  
Registration No. 19,226  
Intellectual Property Law Dept.  
IBM Corporation  
11400 Burnet Road - 4054  
Austin, Texas 78758  
(512) 473-2303

BEST AVAILABLE COPY

RECEIVED  
CENTRAL FAX CENTER

OCT 26 2005

PATENT  
10/042,107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

: Group Art Unit: 2171  
: Examiner C. L. Nguyen  
: Intellectual Property  
: Law Department - 4054  
: International Business  
: Machines Corporation  
: 11400 Burnet Road  
: Austin, Texas 78758  
: Customer No. 32,329

Margaret G. MacPhail

Serial No: 10/042,107

Filed: 01/08/2002

Title: A NETWORK DATABASE

SYSTEM FOR PROVIDING DATABASE

OUTPUT IN A PLURALITY OF

STRINGS OF SEQUENTIAL DATA

SEGMENTS THROUGH A USER

INTERFACE WITH DIMENSIONS

LIMITING THE DATA CAPACITY OF

EACH SEGMENT

Date:

10/26/05CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence including The present Amendment and an accompanying Transmittal letter is being transmitted via facsimile to USPTO, Group Art Unit 2171 at telephone number 571-273-8300, and to the attention of Examiner C. M. Nyugen on 10/26/05.

J.B. KRAFT

Signature

Date

10/26/05RESPONSE

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

AUS920010596US1

1

## BEST AVAILABLE COPY

PATENT  
10/042,107

Sir:

This is in response to the Office Action mailed Jul 27, 2005.

REMARKS

The rejection of claims 1-3, 8-11, 13-15, 20-23, 25-27, and 32-35 under 35 U.S.C. 103(a) as being obvious and, thus, unpatentable over Shin et al. (US6,674,439) is respectfully traversed.

The present invention addresses the problem of optimizing data stored in a database so that it may be easily and conveniently used for the limited size i.e. small display interfaces of PDAs, personal palm devices and cellular telephones. Simply stated, the present invention addresses this problem by providing a database wherein a plurality of different types of data are in turn further each represented by a plurality of strings of sequential segments. Each segment of each of said plurality of strings of each of said different types of data has a content which fits the device display size. When a particular data type is selected by a user at a display station, then in turn, the string stored in the database, the segments of which fit the dimensions of the limited display is provided from the database, and the segments in the string are sequentially displayed.

Shin (US6,674,439) has goals similar to those of the present invention i.e. it does seek to reduce conventional image sizes so that these images may be presented on devices such as cellular telephones or palm held computers. However, the method and system of Shin for achieving this goal is quite different, and certainly does not teach the present invention. Shin does not suggest a database storing

AUS920010596US1

2